ETC Release Note

High End Systems Hog OS

High End Systems Hog OS
Version 5.3.0 System Software
Effective 2026-Oct-19

Hog OS Software Components

H4OS Version	5.3.0 b557
Fixture Library Version	5.0.815

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Features and Enhancements

64-bit Hog OS

Hog OS has been upgraded to a fully 64-bit architecture, delivering improved performance and compatibility with modern software components.

Support for Two Tour Wings

Hog OS now supports connecting up to two Tour Wings on consoles and Hog PC.

Large Look Optimization

Hog OS v5.3.0 has optimized the way it stores large cues, scenes, and palettes with repeated function values to be smaller on disk and therefore easier to transfer during show load, backup, and network sync. To the end user the console operates the same, but under the covers the application is more efficient. For older show files, it is recommended to run the **Compress Show** option in the Show Manager window to automatically update the show's existing programming to utilize this new method.

Window Resizing Overhaul

A new resize mode for windows within Hog OS has been added to make it easier to resize child windows on touchscreens. To activate the new resizing tool, press and hold the **Size** button on the System Toolbar. For Hog 4 series consoles, press the unlock button on the window control toolbar.

Corporate Headquarters ■ Middleton, WI, USA | +1 608 831 4116
Global Offices ■ London, UK | Rome, IT | Holzkirchen, DE | Paris, FR | Hong Kong | Dubai, UAE | Singapore
New York, NY | Orlando, FL | Los Angeles, CA | Austin, TX |

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Screen Layout Option: Sixths

Users can now choose a six-section screen layout consisting of:

- 3 equal sections on the top row
- 3 equal sections on the bottom row

This expands layout flexibility beyond the previous four-quadrant system and supports more complex workflows. The **Sixths** layout option is available under the Appearance tab of the User Preferences window.

Framing Shutter Graphical Controls

A new Shutters tab is available in the Media Picker and Programmer Dashboard when selecting fixtures with framing shutters. These controls provide visual feedback and touch-friendly control of framing shutters, including shutter linking and shutter presets.

Record Options and Kind Mask Menu UI

The Record, Update, and Merge workflows have been updated to improve access to kind masks and record options. The kind mask menu now appears without obscuring other record controls, providing a more efficient workflow on both touchscreens and hardware consoles.

U Key Double Press Disabled When Action Is Set to None

When a U key's double-press assignment is set to **None**, the system now interprets double presses as rapid single presses, reducing accidental interference with single-press actions.

Wi-Fi HogSpot with OSC Integration

Tour Hog, Stage Hog, and Flex Hog now have a dedicated Wi-Fi configuration pane in the Control Panel that allows operators to establish a private wireless network and configure its SSID, password, and DHCP server range. This feature is known as the HogSpot. OSC In and Out can be configured to run on the HogSpot by enabling **Wi-Fi** in the OSC tab of the local console node settings window, which is accessed through the Network window.

Visualizer Connectivity Driver Removed from the Hog PC Installer

The Hog Visualizer Connectivity Driver is no longer included in the Hog PC installation or uninstallation process. Instead, the latest release of the driver is available as a standalone download from the ETC Hog support website. Because the driver does not typically require updates with each Hog PC release, managing it through a separate installer provides a more streamlined and sustainable maintenance approach.

Unpatch Multiple Universes

The Patch window now supports unpatching fixtures across multiple universes in a single operation. This streamlines large patching changes and reduces the number of steps required when reconfiguring rigs or preparing a show for new output assignments.

Improved Time Encoder Control

Adjusting time values using the main encoders is now less sensitive, providing finer control and making it easier to enter precise timing values without overshooting the desired setting.

Added U Key Commands

The following U key commands have been added to all platforms:

U Key Command Label	Resulting Action
Part Next	Selects the next part of the current fixture selection
Part Back	Selects the previous part of the current fixture selection
Main Play	Shortcut to the Main Play key (uses the assigned command)
Main Pause	Shortcut to the Main Pause key (uses the assigned command)
Main Back	Shortcut to the Main Back key (uses the assigned command)
Goto First Cue	Jumps to the first cue in the list (regardless of cue number)
Goto Last Cue	Jumps to the last cue in the list (regardless of cue number)
Record as Global	Enables the Global option on the Record, Copy, and Merge toolbar
Record as Per Type	Enables the Per Type option on the Record, Copy, and Merge toolbar
Record as Per Fixture	Enables the Per Fixture option on the Record, Copy, and Merge toolbar
Cue Next	Advances the Cue Editor window to the next cue
Cue Back	Changes the Cue Editor window to the previous cue
Flash Selected to Full	Flashes selected fixtures to 100% intensity in output
Flash Selected to 0	Flashes selected fixtures to 0% intensity in output

Fixture Naming

Users can now assign custom names to fixtures in the Fixture window using the Name column. The Jump Toolbar uses the name provided in the Name field when a sheet style window is sorted by the Fixture Type or Name column.

Color Coding of Jump Toolbar Buttons

Jump Toolbar buttons in all major fixture-related windows can now be color-coded based on the first fixture in each aggregate, giving operators instant visual cues that match fixture coding throughout the console.

Jump Toolbar Reordering

Jump Toolbar buttons can now be rearranged using drag-and-drop, allowing users to customize aggregate ordering to better match their workflow.

On-screen Keypad for IP Address Fields

A small graphical keypad now automatically appears on the screen when touching into any IP address related field. This makes it easier to enter this data on platforms such as HPU without connecting a physical keyboard.

UI Improvements

- A dotted drag handle has been added to Playback Bar Index 0. Show or hide it using **Pig + 0**.
- The boot server UI has been removed from the HogNet tab (no longer needed without DP8000).
- A confirmation popup has been added for Renumber operations.

Faster Show Backups

Internal backup operations have been optimized, reducing the time required to create show backups.

Show Backup File Format

Backup files now use the .hogshow extension.

Improved Backup File Browser Information

Backup files older than one day now display full timestamps in the file browser.

XML Import Validation

Additional validation and error checking have been added during XML import operations.

Add Compound Fixture Parts in Quantities in Fixture Builder

Users can now enter a quantity when adding parts to a compound fixture, eliminating the need to add each part one at a time.

Disable Comment Macros Option for Lists and Scenes

A new option has been added to lists and scenes that allows comment macros to be disabled during playback of the list or scene.

Playback Dashboard Options Grid Layout Improvements

The Playback Dashboard Options grid dimensions have changed from 2x10 to 2x11 to accommodate more control options. This does not affect the layout of the other Playback Dashboard tabs.

Legacy Pop-up Kind Mask Menu

The legacy pop-up kind mask menu behavior has been restored for Hog 4 series consoles.

Replicate Fixtures Progress Bar

A visual progress bar is now displayed during large-scale replicate operations to help operators better understand the progress of the replication process.

Timecode Enable Button Improvement

The View Timecode button is now always available from the master window, even when timecode for that master is disabled.

Timecode Device Mapping Helper Text

Additional helper text has been added to timecode configuration dialogs to more clearly indicate which devices are supported on console and processor node types.

Comment Macro to Send OSC Commands

Operators can now output OSC commands as part of comment macros attached to cues and scenes. To use the feature, select the **OSC** comment macro keyword and add your custom OSC command after it.

For example: `OSC/my-osc-command 1 3`

Network Window Cleanup

Show Server nodes are now hidden from the Network window to reduce clutter and simplify system management.

Expanded Universe Numbering

Universe creation and mapping controls now support values greater than 1,000.

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Compatibility

This release is compatible with the following Hog OS hardware and software:

- Tour Hog, Stage Hog, Gig Hog, Flex Hog, Tour Wing
  - Up to two Tour Wings are supported per console or Hog PC computer.
- Hog 4, Hog 4-18
- Full Boar 4
- Road Hog 4, Road Hog 4-21
- HedgeHog 4, 4N, 4S, 4X
- HPU, HPU+
- Rack Hog 4
- Hog 4 Wings (Playback Wing 4, Master Wing 4, MiniWing 4, Nano Hog 4, Hoglet 4)
- Hog 4 Widgets (Single Widget, Super Widget, SuperDuper Widget, MIDI / LTC Widget)
- Hog PC



Note: *The programmer section of the Tour Hog, Stage Hog, Flex Hog, and Gig Hog front panel **must** be upgraded to firmware v1.0.1.27 for compatibility with Hog OS v5.3.0. See* *Firmware on page 11* *for additional details.*

Incompatibility

Show Files

Show files created with Hog OS v4.0.0 and greater are compatible with Hog OS v5.3.0.

Show files created or edited with Hog OS v5.3.0 are **NOT** backwards compatible with previous versions of Hog OS.

Hog PC on Windows 10

Hog PC is no longer supported on Windows 10. Microsoft stopped providing updates or security fixes for Windows 10 after October 14, 2025. This means the following for Hog PC users:

- ETC will no longer test Hog PC releases on Windows 10.
- ETC will no longer provide updates or bug fixes directly related to Windows 10 issues.
- Newer versions of Hog PC will continue to install on Windows 10, but no technical support will be provided.

Gig Hog on Arm-based Windows Computers

Gig Hog's Fixture Net and Hog Net Ethernet ports require additional drivers to operate on Arm-based Windows computers. If the drivers are not already installed, you will need to download and install them. Step-by-step instructions for downloading and installing the required drivers can be found on the ETC Support website. See **How to make Gig Hog's Ethernet Ports work on a Windows Arm64 Computer**.

Remaining Issues in 5.3.0

Full Boar 4 Display Detection and Calibration

Active DisplayPort-to-DVI adapters may be detected as connected displays on Full Boar consoles. In these cases, the touchscreen calibration utility may not automatically close after calibrating the internal touchscreens. Press **Enter** to exit the calibration application when calibration is complete.

For Current List of issues, please see:

issuefinder.etcconnect.com

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Corrected Issues in v5.3.0

H4OS-3330	Fix memory inefficiencies in Cue/Look packing
H4OS-6247	Unpark with nothing in programmer dumps parked fixtures
H4OS-9216	White Line on fader 'knob' on virtual wing / front panel is not the drag point, causing jumps
H4OS-10242	Physical colour mixing functions have choppy values between 0 and 100% in the output window
H4OS-10417	3s delay when selecting 10,880 RGB LEDs in plot window using touch and drag
H4OS-10431	Delay in plot window for intensity feedback of 32768 Desk Channels
H4OS-10495	.6s lag in Programmer refresh of color parameter changes to 10880 RGB LEDs
H4OS-11151	The @ plus minus Syntax does not work
H4OS-11521	Slotted values ignore path assignments
H4OS-11772	Console does not see exFAT formatted USB sticks
H4OS-11960	Large show files failing to back up
H4OS-11962	Control Panel System Info occasionally misses firmware version
H4OS-12255	HogNet and FixtureNet adapter selection not saving to console persistence as expected
H4OS-12280	Output Window and Colour Picker values disagree
H4OS-12399	Holding down navigation button for 5s on programmer dashboard causes persistent grey box
H4OS-12413	U Keys says Hog Key Held Assignment instead of Pig Key Held Assignment
H4OS-12419	DBO key stops flashing after a Master Range change
H4OS-12450	Desktop crash using mouse wheel to change multiple fixture icons
H4OS-12478	Desktop freeze when opening control panel
H4OS-12479	Fade changes button flickers when enabled and fixtures are given colour values
H4OS-12629	Poor Desktop Performance when color mixing cell is shown in output window
H4OS-12637	Hog PC: cannot change Gig Hog network adapter IP address settings from Control Panel
H4OS-12807	"Hold Color Point" should be "Hold Colour Point" to be consistent
H4OS-12860	MIDI Submenu has an extra page on Road Hog 4 and Hedge Hog
H4OS-12930	HogNet (hn0) and FixtureNet (fn0) not visible in HPU+ control panel
H4OS-12943	Hog PC local processor intermittently not responding when connected to network show session
H4OS-12974	Selecting fixtures is slow when output window is calculating colour
H4OS-13042	Kind Masking menu and record options menu do not go away after updating cues
H4OS-13060	Tour Hog Display orientation lost on reboot
H4OS-13130	Colour Picker performance takes a dramatic performance dip with selecting 50 compound fixtures
H4OS-13173	Colour Picker and Editor show incorrect virtual color function values after live, suck, cue merge
H4OS-13177	Rate Wheel does not decrease Effect Size
H4OS-13261	Memory Usage Climbs linearly when consistently undoing and redoing
H4OS-13265	Cannot use U-Key to switch between clock and timecode more than one time
H4OS-13266	Desktop crash if U key pressed when chosen master is empty
H4OS-13275	Desktop crash when adding fixtures in Fixture Window
H4OS-13372	Tour Hog cursor does not move correctly between 2 external displays
H4OS-13442	Large show loads take almost a minute before rig control due to HPU load
H4OS-13448	Large show back up consistently takes over a minute
H4OS-13450	Slow opening of very large cues in large show file
H4OS-13458	Desktop crash on large show when Open Palette, Knockout, Update
H4OS-13477	"Module 5" appears on encoder wheels after custom fixture import
H4OS-13494	Tour Wing playback bar follows horizontal sizing of playback bar 0
H4OS-13536	Desktop crash when disconnecting widgets due to race condition in widget reader

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Corrected Issues in v5.3.0

H4OS-13542	Cannot update Tour Wing and Gig Hog firmware via ARM PC
H4OS-13586	Editors and Output out of sync after turning the v-X value to the max possible a CW/WW fixture can hit
H4OS-13590	Optimizing Palette separates colour parameters
H4OS-13603	Fatal error during show load related preferences management
H4OS-13604	Tour Mode / Gig Mode: Rate wheel and page indicator displayed after switching from classic mode
H4OS-13646	Kind Mask submenu sometimes sized incorrectly on programmer dashboard
H4OS-13684	Fixture Schedule no longer committing unconfirmed fixture count changes in fixture scheduler
H4OS-13732	Hog MSI does not uninstall drivers on ARM PC
H4OS-13735	Feedback for physical master 2 does not update on Master Range Change for some consoles
H4OS-13737	LED feedback does not update on HedgeHog 4, Hoglet, Master Wing 4 after master ranging
H4OS-13738	After a network disruption, playback objects take seconds to release
H4OS-13756	Tour Wing Dashboards do not work on ARM PC
H4OS-13776	Function Feature buttons do not wrap in extractor UI
H4OS-13826	Per Type Palettes are not changing type correctly if slot values are unassigned
H4OS-13880	Direct entry changes to modal options are not committed
H4OS-13971	Desktop Crash when consecutively pressing select toolbar options
H4OS-14066	MiniWing Parent Window is hidden behind main window on Linux
H4OS-14092	Stage Hog and Tour Hog only show 4 functions on the Wheelset Menu
H4OS-14109	Added protection for show file corruption
H4OS-14203	Change Type sets non-primary emitters on the destination fixture to 100% (doesn't pick up palette reference)
H4OS-14204	Desktop crash opening color picker in older shows due to bad gels.xml
H4OS-14232	Art-Net and sACN refresh rate suffers after consecutively loading two large shows
H4OS-14233	Fatal Error if a console attempts to join a show session before the initiating console finishes loading
H4OS-14236	Mapping 64 universes causes DP8K Process performance to suffer when outputting sACN or Art-Net
H4OS-14307	Change type calculates per fixture palette rules using 1:1 physical if global rule exists
H4OS-14362	Performance impacted when using xyY colour mixing
H4OS-14454	Fixture Functions on Dashboards have delayed refresh when using encoder wheels to confirm selection
H4OS-14468	Closing "Invalid IP Address" error behind another window crashes desktop
H4OS-14491	Show File Specific: User show file throws error when trying to change notes on fixture
H4OS-14492	User shows file contains compound fixture that has two .1 parts
H4OS-14526	Desktop crash when "Compress Show" task is cancelled by operator
H4OS-14553	Processor crash on deletion of Chase set to 750bpm and Bounce direction
H4OS-14711	Cannot assign masters to standard control set on consoles with 4 encoders
H4OS-14787	HPUs kicked off show session when using Change Type on large shows
H4OS-15155	Processors going offline during show execution
H4OS-15403	The processor is running out of memory and crashing

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Hog OS v5.3.0

Availability

This software is currently available for download from the ETC website. See etcconnect.com/Hog/Documentation/#software.

Installation

Application Software

All Consoles require a full install of Hog OS 5.3.0 b557. An upgrade is not available.

Hog PC can be upgraded to 5.3.0 b557 by running the .exe installer.

Note: *In some instances, DLL errors may occur when running Hog PC on non-English Windows operating systems. If this happens, uninstall Hog PC and then reinstall it. If the problem continues after reinstalling, contact support for further assistance.*

For installation instructions, please see *Resources on page 11*.

Downgrading

Note: *Downgrading consoles from Hog OS v5.3.0 to a previous release requires a special reformatting tool that must be used prior to running a full install of the previous release. See Hog Partition Cleaner Tool on page 10.*

Hog PC Downgrade

Downgrading Hog PC from v5.3.0 to a previous release requires uninstalling v5.3.0 first.

Hog Partition Cleaner Tool

Hog OS v5.3.0 introduces a new hard disk partitioning scheme on consoles that is not compatible with previous releases of Hog OS. Operators wishing to downgrade Hog OS from v5.3.0 to any previous release must do the following:

1. Download hog_rescue_1-0-0.amd64.
2. Create a bootable USB flash drive of the ISO file using Balena Etcher.
3. Power off the console.
4. Insert the flash drive into the console.
5. Power on the console.
6. Follow the prompts on screen and press **Enter** to complete the procedure.
7. Unplug the USB flash drive.
8. Power off the console.
9. Plug in a Full Install USB flash drive containing Hog OS v5.2.0 or older.
10. Power on the console and proceed with a full install of Hog OS.

Fixture Library

Hog OS 5.3.0 b557 comes with Fixture Library v5.0.815.

v5 fixture libraries available on the ETC Fixture Library Hub are compatible with Hog OS 5.3.0 b557.

v4 fixture libraries are **NOT** compatible with Hog OS 5.3.0 b557.

Firmware

The programmer section of the Tour Hog, Stage Hog, Flex Hog, and Gig Hog front panel **must** be upgraded to firmware v1.0.1.27 for compatibility with Hog OS v5.3.0. Running the console with outdated firmware may result in poor performance with the console's encoder wheel responsiveness.

Update the programmer panel firmware using the instructions in Section 30.7 of the Hog OS v5.2.0 User Manual. The Hog Online eManual and *Hog v5.3.0 User Manual* are available on the ETC website **etcconnect.com/Hog/Documentation/**.

Resources

Please keep these release notes with your installation guide for descriptions of the newest features, changes, and bug fixes. Full installation instructions for Hog PC can be found in Chapter 31 of the manual. Full software installation instructions for Hog Consoles can be found in Chapter 30 of the manual. The Hog Online eManual and Hog User Manual are available on the ETC website at **etcconnect.com/Hog/Documentation/**.

Additional support resources are available in our support website at **support.etcconnect.com/HES**.

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Hog OS v5.3.0

Release History

v5.2.1

Effective 2026-Aug-31

- Support for HPU+

v5.2.0

Effective 2026-Apr-30

- Change Type
- Dashboard Responsiveness
- Wheelset Popup Menu
- Output Processing
- Added U Key Commands

v5.1.0

Effective 2026-Mar-19

- Next Generation Direct Entry for Encoders
- Gig Hog and Tour Wing on ARM Processors
- The UI for the playback dashboard
- Dashboard Sleep
- Playback Dashboard: Release Time and Priority Adjustments Simplified
- Removal of Virtual Faders Preference
- Default Toolbar Layout updates for Stage Hog and Tour Hog
- Additional U Keys
- Additional U Key Commands
- Support for Tour Wing

A full release history is available on the ETC support website (support.etcconnect.com/HES). Reference Hog OS Software Versions.